

LISTING OF CLAIMS:

1. (Original) A method for moving teeth, comprising:
moving a first tooth; and
moving a second tooth while isolating the first tooth at a rest position.
2. (Original) The method of claim 1, wherein the second tooth is moved for a first duration and immobilized for a second duration.
3. (Original) The method of claim 1, wherein the duration is on an hourly basis, a daily basis, or a weekly basis.
4. (Currently Amended) The method of claim 1, comprising generating a plurality of appliances based on the moving of the first tooth and the second tooth, wherein the appliances comprise polymeric shells having cavities and wherein the cavities of successive shells have different geometries shaped to receive and resiliently reposition the first and second teeth from one arrangement to a successive arrangement.
5. (Original) The method of claim 4, wherein a first cavity isolates the first tooth at the rest position.
6. (Original) The method of claim 4, wherein a second cavity urges the second tooth to one of the successive position.
7. (Canceled)
8. (Original) The method of claim 4, further comprising replacing an appliance on an intra-day basis.
9. (Original) The method of claim 4, further comprising replacing an appliance on a daily basis.
10. (Original) The method of claim 4, further comprising replacing an appliance on a multi-day basis.
11. (Original) The method of claim 4, further comprising replacing an appliance on an intra-week basis.

12. (Original) The method of claim 4, further comprising replacing an appliance on a weekly basis.
13. (Canceled)
14. (Currently Amended) The method of claim [[13]] 24, wherein the at least one first tooth is a group of ~~each group comprises~~ contiguous teeth.
15. (Canceled)
16. (Currently Amended) A system, comprising:
 means for moving at least one first tooth; and
~~means for moving a second tooth while isolating the first tooth at a rest position.~~
means for isolating the first tooth at a rest position by relieving the force applied to it,
while moving at least one second tooth.
17. (Original) The system of claim 16, wherein the second tooth is moved for a first duration and immobilized for a second duration.
18. (Original) The system of claim 16, wherein the duration is on an hourly basis, a daily basis, or a weekly basis.
19. (Currently Amended) The system of claim 16, comprising a fabrication machine to generate a plurality of appliances, wherein the appliances comprise polymeric shells having cavities and wherein the cavities of successive shells have different geometries shaped to receive and resiliently reposition the teeth from one arrangement to a successive arrangement.
20. (Original) The system of claim 19, wherein a first cavity isolates the first tooth at the rest position and wherein a second cavity urges the second tooth to a successive arrangement.
21. (Currently Amended) A system for generating one or more appliances for a patient, the teeth including at least one first tooth and at least one second tooth, the system includes comprising:
 a processor;
 a display device coupled to the processor;
 a data storage device coupled to the processor;

a scanner coupled to the processor for providing data to model the patient's masticatory system;

~~means for moving a first tooth;~~

means for the modeling an isolating of the first tooth at a rest position while moving the

second tooth, the isolating of the first tooth by creating space around it; and

a dental appliance fabrication machine coupled to the processor for generating the

appliances in accordance with ~~the moved tooth and the isolated tooth~~ the modeling of

isolating the first tooth and moving the second tooth.

22. (New) The method of claim 1, wherein isolating the first tooth at a rest position is by relieving the tooth of any applied force.
23. (New) The method of claim 22, wherein relieving the force applied to the first tooth is accomplished by creating space around the tooth, such that no undesirable contact is made with the tooth.
24. (New) A method for moving teeth, comprising:
moving at least one first tooth, and
moving at least one second tooth while isolating the first tooth at a rest position, isolating the first tooth by relieving it of any applied force.
25. (New) The method of claim 24, wherein the at least one first tooth is a group of noncontiguous teeth.
26. (New) The method of claim 24, wherein the at least one second tooth is a group of contiguous teeth.
27. (New) The method of claim 24, wherein at least one second tooth is a group of noncontiguous teeth.
28. (New) The system of claim 16, wherein relieving the force applied to the first tooth is accomplished by creating space around the tooth, such that no undesirable contact is made with the tooth.